CAMPBELL
STEPHENSON
ASCOLESE LLP

4807 Spicewood Springs Road
Building 4, Suite 201
Austin, Texas 78759
T: 512-439-5080
F: 512-439-5099

FACSIMILE COVER SHEET

To:	Examiner Eric Kiss	From:	John C Kennel (512-439-5087)
Fax:	703-746-7240	Date:	February 21, 2003
Phone:	703-305-7737	Pages:	2
Re:	**Proposed Amendment** for 09/375,328		

Message:

Examiner Kiss,

Attached, please find a proposed amendment to claims 1 and 14. At your convenience, I would like to discuss these amendments in an after final interview.

Sincerely,

John C Kennel

If you do not receive all pages, please call (512) 439-5080.

PROPOSED AMENDMENT

Application Serial No. 09/375,328. Deleted matter is denoted by bold, bracketed type. Added matter is denoted by bold, underlined type.

1. (**Amended**) A method for transferring vector data in a computer system, the method comprising:

identifying use of vector data in an application program;

implementing at least one vector data instruction for transferring the vector data between a memory and a vector buffer**, the vector buffer local to a processor; and**

implementing at least one vector data instruction for transferring the vector data between the vector buffer and a register, the vector data in the **[buffer]** **register** being accessible by **[a]** **the** processor in the computer system.

14. (**Amended**) A data processing system comprising:

a data processor, said data processor comprising:

a cache,

a register file, and

a vector buffer;

means for identifying use of vector data in an application program;

at least one vector data instruction for transferring the vector data directly between a memory and the **vector** buffer**; and**

at least one vector data instruction for transferring the vector data directly between the vector buffer and the register file, the vector data in the **[buffer]** **register file** being accessible by the data processor; and

a synchronization instruction to synchronize accessing the vector data with processing the vector data.